

~~ELECTRICAL CONTACT MATERIAL AND METHOD FOR MAKING
—SAME—~~

ABSTRACT

The present invention relates to an electrical contact material comprising a matrix made of conductive metal and an unstable fraction incorporated into this matrix. Said unstable fraction has the property of decomposing between the operating temperature of the electrical contact and the melting point of said metal with the release of a gas capable of destabilizing an electric arc.

The invention also relates to a process for manufacturing an electrical contact material, consisting in:

- providing a blend comprising a conductive metal and an unstable constituent that decomposes at a temperature between the operating temperature of the electrical contact and the melting point of said metal, with the release of a gas capable of destabilizing an electric arc;
- compacting this blend; and
- forming it according to the intended use.